



























Call Connexion Developments Ltd on 0800 808 7799. Page 12								
CopyRight 2008 Connexion Developments Ltd Chemical Resistance Chart								
Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Chlorine (Wet)	C	C	A	A	D	C	C	C
Chlorine Dioxide	D	C	A	A	D	C	A	C
Chlorine Dioxide; 8% Cl as NaClO <sub>2</sub> in solution	D	D	D	D	D	C	A	C
Chlorine Trifluoride	D	D	D	D	D	C	C	C
Chlorine Water	D	D	D	D	D	B	A	C
Chlorine; Dry	D	D	D	D	A	D	B	C
Chlorine; Wet	D	D	D	D	A	D	B	C
Chloro 1-Nitro Ethane (1-Chloro 1-Nitro Ethane)	D	D	D	D	D	C	C	C
Chloro Oxyfluorides	D	D	D	D	D	D	D	D
Chloro Xylenols	D	D	D	D	D	C	A	B
Chloroacetaldehyde	D	D	D	D	D	A	C	C
Chloroacetic Acid	A	C	A	A	D	C	C	C
Chloroacetone	D	D	D	D	D	A	C	C
Chloroacetyl Chloride	D	D	D	D	D	D	D	D
Chloroamino Benzoic Acid	D	D	D	D	D	A	C	C
Chloroaniline	D	D	D	D	D	A	C	C
Chlorobenzaldehyde	D	D	D	D	D	A	C	C
Chlorobenzene	C	C	A	A	A	C	A	C
Chlorobenzene (Mono)	D	D	D	D	D	C	A	C
Chlorobenzene Chloride	D	D	D	D	D	C	A	B
Chlorobenzene Trifluoride	D	D	D	D	D	C	A	B
Chlorobenzochloride	D	D	D	D	D	C	A	B
Chlorobenzotrifluoride	D	D	D	D	D	C	A	B
Chlorobromo Methane	D	D	D	D	D	B	A	C
Chlorobromopropane	D	D	D	D	D	C	A	B
Chlorobutadiene	D	D	D	D	D	C	A	C
Chlorobutane (Butyl Chloride)	C	D	D	D	D	C	A	A
Chlorodifluoromethane; pure-Hydrocarbon; Aliphatic; Halogenated	D	D	D	D	D	D	D	D
Chlorododecane	D	D	D	D	D	C	A	C
Chloroethane	C	D	D	D	D	C	A	A
Chloroethane Sulfonic Acid	D	D	D	D	D	A	C	C
Chloroethylbenzene	D	D	D	D	D	C	A	B
Chloroform	C	B	A	A	A	C	A	C
Chlorohydrin	D	D	D	D	D	A	C	C
Chloromethyl Benzene; pure-Hydrocarbon; Aromatic; Halogenated	B	D	D	D	D	D	D	D
Chloronaphthalene or o-Chloronaphthalene	D	D	D	D	D	C	A	C
Chloronitrobenzene	D	D	D	D	D	A	C	C
Chlorophenol or o-Chlorophenol	D	D	D	D	D	C	A	C
Chloropicrin	D	D	D	D	D	C	A	B
Chloroprene	D	D	D	D	D	C	A	B
Chlorosilanes	D	D	D	D	D	D	D	D
Chlorosulfonic Acid	D	D	D	D	A	C	C	C
Chlorosulphonic Acid; pure-Acid; Organic; Aromatic; Halogenated	C	D	D	D	D	D	D	D
Chlorotoluene	D	D	D	D	D	C	A	C
Chlorotoluene Sulfonic Acid	D	D	D	D	D	A	C	C
Chlorotoluene; pure-Hydrocarbon; Aromatic; Halogenated	B	D	D	D	D	D	D	D
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	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Chlorotoluidine	D	D	D	D	D	C	A	B
Chlorotrifluoroethylene (CTFE)	D	D	D	D	D	D	D	D
Chlorox	D	D	D	D	D	B	A	B
Chloroxylols	D	D	D	D	D	D	D	D
Cholesterol	D	D	D	D	D	C	A	B
Chrome Alum	D	D	D	D	A	A	A	A
Chrome Plating Solutions	D	D	D	D	D	B	A	C
Chromic Acid	C	D	D	D	A	B	A	C
Chromic Chloride	D	D	D	D	D	D	D	D
Chromic Fluorides	D	D	D	D	D	D	D	D
Chromic Hydroxide	D	D	D	D	D	D	D	D
Chromic Nitrates	D	D	D	D	D	D	D	D
Chromic Oxide	D	D	D	D	D	B	A	C
Chromic Phosphate	D	D	D	D	D	D	D	D
Chromic Sulfate	D	D	D	D	D	D	D	D
Chromic:Surfunic Acid Mixture; 96%-Acid; Inorganic; Oxidizer	C	D	D	D	D	D	D	D
Chromium Potassium Sulfate (Alum)	D	D	D	D	D	B	A	B
Chromyl Chlorides	D	D	D	D	D	D	D	D
Cinnamic Acid	D	D	D	D	D	C	A	B
Cinnamic Alcohol	D	D	D	D	D	C	A	B
Cinnamic Aldehyde	D	D	D	D	D	C	A	B
Cinnamon Oil; pure-Misc.	C	D	D	D	D	D	D	D
Circo Light Process Oil	D	D	D	D	D	C	A	A
Citric Acid	A	B	A	A	A	A	A	A
City Service #65 #120 #250	D	D	D	D	D	C	A	A
City Service Koolmoter-AP Gear Oil 140-EP lube	D	D	D	D	D	C	A	A
City Service Pacemaker #2	D	D	D	D	D	C	A	A
Clorox	D	D	D	D	D	B	A	B
Coal Tar	D	A	A	A	D	C	A	A
Cobalt Chloride	D	D	D	D	D	A	A	A
Cobalt Chloride; 2N	D	D	D	D	D	A	A	A
Cobaltous Acetate	D	D	D	D	D	A	C	C
Cobaltous Bromide	D	D	D	D	D	A	A	A
Cobaltous Linoleate	D	D	D	D	D	D	D	D
Cobaltous Naphthenate	D	D	D	D	D	D	D	D
Cobaltous Sulfate	D	D	D	D	D	A	C	C
Coconut Oil	D	D	D	D	D	C	A	A
Cod Liver Oil	D	D	D	D	D	A	A	A
Codeine	D	D	D	D	D	C	A	B
Coffee	D	D	D	D	A	A	A	A
Coke Oven Gas	D	D	D	D	A	C	A	C
Coliche Liquors	D	D	D	D	D	B	D	B
Convelex 10	D	D	D	D	D	D	D	C
Coolanol 20 25R 35R 40& 45A (Monsanto)	D	D	D	D	D	C	A	A
Copper Acetate	D	B	A	A	A	A	C	B
Copper Ammonium Acetate	D	A	A	A	D	A	C	C
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	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Phosphoric Acid; 88%-Acid; Inorganic	A	D	D	D	D	D	D	D
Phosphoric Acid; 95%-Acid; Inorganic	A	D	D	D	D	D	D	D
Phosphorus (Molten)	D	D	D	D	D	D	D	D
Phosphorus Oxychloride	D	C	A	A	D	C	C	C
Phosphorus Trichloride	D	A	A	A	D	A	A	C
Phosphorus Trichloride Acid	D	D	D	D	D	A	A	C
Photographic Hypo-Salt; Inorganic; Reducer	A	D	D	D	D	D	D	D
Photoresists-Misc.; Photoreist	D	D	D	D	D	D	D	D
Phthalic Acid	D	A	A	A	D	D	C	C
Phthalic Anhydride	D	A	A	A	D	D	C	C
Pickling Solution	D	D	D	D	D	C	B	C
Picric Acid (aq)	C	B	A	A	A	D	A	D
Picric Acid Molten	D	D	D	D	D	B	A	B
Pine Oil	A	D	D	D	D	C	A	A
Pine Tar	D	D	D	D	D	C	A	A
Pinene	D	D	D	D	D	C	A	B
Piperazine	D	D	D	D	D	D	A	D
Piperidine	D	D	D	D	D	C	A	C
Piranha (H2SO4:H2O2)(70:30)	D	D	D	D	D	D	D	D
Plating Solution(Co;Cu;Au;In;Fe;Pb;Ni;Ag;Sn;Zn)	D	D	D	D	D	A	A	A
Plating Solutions Chrome	D	C	C	A	D	B	A	C
Plating Solutions Others	D	D	D	D	D	A	A	A
Pneumatic Service	D	D	D	D	D	A	A	A
Polyethylene Glycol	D	A	A	A	D	A	D	C
Polyglycerol	D	D	D	D	D	A	C	C
Polyglycol	D	D	D	D	D	A	C	C
Polyvinyl Acetate Emulsion	D	D	D	D	D	A	D	D
Potassium (Molten)	D	D	D	D	D	D	D	D
Potassium Acetate	A	D	D	D	D	A	C	B
Potassium Acid Sulfate	D	D	D	D	D	A	C	C
Potassium Alum	D	D	D	D	D	A	C	C
Potassium Aluminum Sulfate	D	D	D	D	D	A	C	C
Potassium Antimonate	D	D	D	D	D	A	C	C
Potassium Bicarbonate	D	B	A	A	D	D	D	D
Potassium Bichromate	D	D	D	D	D	A	C	C
Potassium Bifluoride	D	D	D	D	D	A	C	C
Potassium Bisulfate	D	D	D	D	D	A	C	C
Potassium Bisulfite	D	D	D	D	D	A	C	C
Potassium Bitartrate	D	D	D	D	D	A	C	C
Potassium Bromide	A	D	D	D	D	A	C	C
Potassium Carbonate	A	B	A	A	D	D	D	D
Potassium Chlorate	A	D	D	D	D	A	C	C
Potassium Chloride	A	B	D	D	A	A	A	A
Potassium Chromates	D	D	D	D	D	A	C	C
Potassium Citrate	D	D	D	D	D	A	C	C
Potassium Cupro Cyanide	D	D	D	D	D	A	A	A
Note:								























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	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Tetrachoroethane	D	C	A	A	D	C	A	C
Tetraethyl Lead	D	B	A	A	D	C	A	C
Tetraethyl LeaD B lend	D	D	D	D	D	C	A	B
Tetraethyl Orthosilicate (TEOS)	D	D	D	D	D	D	D	D
Tetrahydrofuran	B	B	A	A	D	C	C	C
Tetrahydronaphthalene; pure-Hydrocarbon; Aromatic	C	D	D	D	D	D	D	D
Tetralin	C	D	D	D	D	C	A	C
Tetramethyl Ammonium Hydroxide	D	D	D	D	D	A	C	C
Tetramethylcyclotetrasiloxane (TMCTS)	D	D	D	D	D	D	D	D
Tetramethyldihydropyridine	D	D	D	D	D	C	A	B
Tetramethyldihydropyridine	D	D	D	D	D	C	A	B
Tetraphosphoglucosate	D	D	D	D	D	A	C	C
Tetraphosphoric Acid	D	D	D	D	D	D	D	D
Texaco 3450 Gear Oil	D	D	D	D	D	C	A	A
Texaco Capella A and AA	D	D	D	D	D	C	A	A
Texaco Meropa 220 (No Lead)	D	D	D	D	D	C	A	A
Texaco Regal B	D	D	D	D	D	C	A	A
Texaco Uni-Temp Grease	D	D	D	D	D	C	A	A
Texamatic A 1581 Fluid	D	D	D	D	D	C	A	A
Texamatic A 3401 Fluid	D	D	D	D	D	C	A	A
Texamatic A 3525 Fluid	D	D	D	D	D	C	A	A
Texamatic A 3528 Fluid	D	D	D	D	D	C	A	A
Texamatic A Transmission Oil	D	D	D	D	D	C	A	A
Texas 1500 Oil	D	D	D	D	D	C	A	A
TFA; 100%-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
TFA; 20%-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
TFA; 4%-Acid; Organic; Halogenated	A	D	D	D	D	D	D	D
TFA; 48%-Acid; Organic; Halogenated	A	D	D	D	D	D	D	D
TFA; pure-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
Therminol 44	D	A	A	A	D	C	A	C
Therminol 55	D	A	A	A	D	C	A	C
Therminol 66	D	A	A	A	D	C	A	C
Therminol FR	D	A	A	A	D	C	A	C
Therminol VP-1; 60; 65	D	A	A	A	D	C	A	C
THF; pure-Ether; Cyclic	B	D	D	D	D	D	D	D
Thio Acid C hloride	D	D	D	D	D	D	D	D
Thioamyl Alcohol	D	D	D	D	D	C	A	A
Thiodiacetic Acid	D	D	D	D	D	A	C	C
Thioethanol	D	D	D	D	D	A	C	C
Thioglycolic Acid	D	D	D	D	D	A	C	C
Thiokol TP-90B	D	D	D	D	D	A	A	C
Thiokol TP-95	D	D	D	D	D	A	A	C
Thionyl Chloride	C	D	D	D	D	C	A	B
Thiophene (Thiofuran)	D	D	D	D	D	C	A	B
Thiophosphoryl Chloride	D	D	D	D	D	A	C	C
Thiourea	D	D	D	D	D	A	C	C
Note:								







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	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Whiskey	D	A	A	A	A	A	D	D
White Liquor	D	D	D	D	D	A	A	A
White Oil	D	D	D	D	D	C	A	A
White Paraffin; pure-Hydrocarbon; Mixture	B	D	D	D	D	D	D	D
White Pine Oil	D	D	D	D	D	C	A	B
White Spirits-Hydrocarbon; Mixture	D	D	D	D	D	D	D	D
Wine	D	A	A	A	A	A	A	A
Wolmar Salt	D	D	D	D	D	A	A	A
Wood A Alcohol	D	D	D	D	D	A	C	A
Wood Oil	D	D	D	D	D	C	A	A
Xenon	D	D	D	D	D	A	A	A
Xylene	C	A	A	A	A	C	A	C
Xylenes-Mixed-Aromatic Amines	D	D	D	D	D	A	C	C
Xylol	C	D	D	D	A	C	A	C
Zeolites	D	D	D	D	D	A	A	A
Zephiran Chloride; 1%-Misc.; Disinfectant	A	D	D	D	D	D	D	D
Zephiran Chloride; 7%-Misc.; Disinfectant	A	D	D	D	D	D	D	D
Zinc Acetate	D	D	D	D	D	A	C	B
Zinc Ammonium Chloride	D	D	D	D	D	A	C	C
Zinc Chloride	A	C	A	A	A	A	A	A
Zinc Chromate	D	D	D	D	D	A	C	C
Zinc Cyanide	D	B	A	A	D	A	D	D
Zinc Diethyldithiocarbamate	D	D	D	D	D	A	C	C
Zinc Dihydrogen Phosphate	D	D	D	D	D	A	C	C
Zinc Fluorosilicate	D	D	D	D	D	D	D	D
Zinc Hydrosulfite	D	D	D	D	D	A	C	C
Zinc Naphthenate	D	D	D	D	D	D	D	D
Zinc Nitrate	D	B	A	A	D	A	A	A
Zinc Oxide	D	D	D	D	D	A	A	A
Zinc Phenolsulfonate	D	D	D	D	D	A	C	C
Zinc Phosphate	D	A	A	A	D	A	A	A
Zinc Salts	D	D	D	D	D	A	A	A
Zinc Silicofluoride	D	D	D	D	D	D	D	D
Zinc Stearate	A	D	D	D	D	A	C	C
Zinc Sulfate	A	B	A	A	A	A	A	A
Zinc Sulfide	D	D	D	D	D	A	C	C
Zirconium Nitrate	D	D	D	D	D	A	A	A
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